

that is easy to use and effective in its maintaining a locked relationship between connected cords for both reasons of convenience and safety.

CM What is claimed is:

Claim 1 >

What is claimed is:

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Bt
1. ~~A locking female electrical receptor comprising~~

a female receptor body having a pair of holes for receiving the prongs of a male plug for electrically connecting two electrical lines respectively coupled to said socket body and the male plug,

said socket body having actuator means mounted for selective relative movement within said socket,

said actuator means having a manually operated element being accessible from the outside of said socket body,

N
P
Z
K
a pair of locking elements mounted in said socket body in operative relationship to said actuator means for selectively locking the prongs of the male plug to said socket body,

said actuator means being movable to a first position for permitting insertion and removal of the prongs relative to said locking elements, and

said actuator means being movable to a second position in said receptor for urging said locking elements into locking contact with the prongs of the male plug.

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2. ~~The female receptor according to Claim 1 wherein said locking elements are a pair of balls.~~

2s. The female receptor according to claim 1 further including resilient means for urging said actuator means to said second position.

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4. The female receptor according to Claim 3 wherein said actuator means includes a elongated shaft movable in said receptor body and being in operative contact with said balls , said shaft having a reduced width aligned with said balls in said first position to permit disengagement of said balls.

N P N K
5. The female receptor according to Claim 4 wherein said actuator means includes a sleeve having aligned openings, said rod being movable in said sleeve, and said balls being retained on said sleeve.

6. The female receptor according to Claim 5 wherein said reduced width of said rod is a narrowed down portion of said shaft for permitting movement of said balls for disengagement.

7. The female receptor according to Claim 4 wherein said shaft includes a flared end portion arranged to contact with said balls said second position of said shaft.

7.8 8. The female receptor according to claim *6* wherein said resilient means is a spring mounted at an exterior position of said receptor body.

8.8 9. The female receptor according to claim *6* wherein said resilient means is a spring mounted in said receptor body adjacent said flared end.

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